

9/423,575

# NOTICE OF DRAFTERPERSON'S PATENT DRAWING REVIEW

# BEST AVAILABLE COPY

The drawing filed (insert date) 1-27-00 are:

A.        not objected to by the Draftperson under 37 CFR 1.84 or 1.152.

B.        objected to by the Draftperson under 37 CFR 1.84 or 1.152 as indicated below. The Examiner will require submission of new, corrected drawings where necessary. Corrected drawings must be submitted according to the instructions on the back of this notice.

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| <p>1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings:<br/> <u>      </u> Black ink. Color.<br/> <u>      </u> Color drawing are not acceptable until petition is granted.<br/> <u>      </u> Fig(s) <u>      </u><br/> <u>      </u> Pencil and non black ink is not permitted. Fig(s) <u>      </u></p> <p>2. PHOTOGRAPHS. 37 CFR 1.84(b)<br/> <u>      </u> Photographs are not acceptable until petition is granted.<br/> <u>      </u> 3 full-tone sets are required. Fig(s) <u>      </u><br/> <u>      </u> Photographs not properly mounted (must bristol board or photographic double-weight paper). Fig(s) <u>      </u><br/> <u>      </u> Poor quality (half-tone). Fig(s) <u>      </u></p> <p>3. TYPE OF PAPER. 37 CFR 1.84(e)<br/> <u>      </u> Paper not flexible, strong, white and durable.<br/> <u>      </u> Fig(s) <u>      </u><br/> <u>      </u> Erasures, alterations, overwritings, interlineations, folds, copy machine marks not acceptable. (too thin)<br/> <u>      </u> Mylar, vellum paper is not acceptable (too thin).<br/> <u>      </u> Fig(s) <u>      </u></p> <p>4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:<br/> <u>      </u> 21.0 cm by 29.7 cm (DIN size A4)<br/> <u>      </u> 21.6 cm by 27.9 cm (8 1/2 x 11 inches)<br/> <u>      </u> All drawings sheets not the same size.<br/> <u>      </u> Sheet(s) <u>      </u></p> <p>5. MARGINS. 37 CFR 1.84(g): Acceptable margins:<br/> <u>      </u> Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm<br/> <u>      </u> SIZE: A4 Size<br/> <u>      </u> Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm<br/> <u>      </u> SIZE: 8 1/2 x 11<br/> <u>      </u> Margins not acceptable. Fig(s) <u>      </u><br/> <u>      </u> Top (T) <u>      </u> Left (L)<br/> <u>      </u> Right (R) <u>      </u> Bottom (B)</p> <p>6. VIEWS. CFR 1.84(h)<br/>         REMINDER: Specification may require revision to correspond to drawing changes.<br/> <u>      </u> Views connected by projection lines or lead lines.<br/> <u>      </u> Fig(s) <u>      </u><br/> <u>      </u> Partial views. 37 CFR 1.84(h)(2)<br/> <u>      </u> Brackets needed to show figure as one entity.<br/> <u>      </u> Fig(s) <u>      </u><br/> <u>      </u> Views not labeled separately or properly.<br/> <u>      </u> Fig(s) <u>      </u><br/> <u>      </u> Enlarged view not labeled separately or properly.<br/> <u>      </u> Fig(s) <u>      </u></p> | <p>7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3)<br/> <u>      </u> Hatching not indicated for sectional portions of an object.<br/> <u>      </u> Fig(s) <u>      </u><br/> <u>      </u> Sectional designation should be noted with Arabic or Roman numbers. Fig(s) <u>      </u></p> <p>8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)<br/> <u>      </u> Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned, so that the top becomes the right side, except for graphs. Fig(s) <u>      </u><br/> <u>      </u> Views not on the same plane on drawing sheet. Fig(s) <u>      </u></p> <p>9. SCALE. 37 CFR 1.84(k)<br/> <u>      </u> Scale not large enough to show mechanism with crowding when drawing is reduced in size to two-thirds in reproduction.<br/> <u>      </u> Fig(s) <u>      </u></p> <p>10. CHARACTER OF LINES, NUMBERS, &amp; LETTERS. 37 CFR 1.84(l)<br/> <u>      </u> Lines, numbers &amp; letters not uniformly thick and well defined, clean, durable and black (poor line quality).<br/> <u>      </u> Fig(s) <u>      </u></p> <p>11. SHADING. 37 CFR 1.84(m)<br/> <u>      </u> Solid black areas pale. Fig(s) <u>      </u><br/> <u>      </u> Solid black shading not permitted. Fig(s) <u>      </u><br/> <u>      </u> Shade lines, pale, rough and blurred. Fig(s) <u>      </u></p> <p>12. NUMBERS, LETTERS, &amp; REFERENCE CHARACTERS. 37 CFR 1.84(p)<br/> <u>      </u> Numbers and reference characters not plain and legible.<br/> <u>      </u> Fig(s) <u>      </u><br/> <u>      </u> Figure legends are poor. Fig(s) <u>      </u><br/> <u>      </u> Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(3) Fig(s) <u>      </u><br/> <u>      </u> English alphabet not used. 37 CFR 1.84(p)(3) Fig(s) <u>      </u><br/> <u>      </u> Numbers, letters and reference characters must be at least .32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3) Fig(s) <u>      </u></p> <p>13. LEAD LINES. 37 CFR 1.84(q)<br/> <u>      </u> Lead lines cross each other. Fig(s) <u>      </u><br/> <u>      </u> Lead lines missing. Fig(s) <u>      </u></p> <p>14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(t)<br/> <u>      </u> Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Fig(s) <u>      </u></p> <p>15. NUMBERING OF VIEWS. 37 CFR 1.84(u)<br/> <u>      </u> Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) <u>      </u></p> <p>16. CORRECTIONS. 37 CFR 1.84(w)<br/> <u>      </u> Corrections not made from PTO-948 dated <u>      </u></p> <p>17. DESIGN DRAWINGS. 37 CFR 1.152<br/> <u>      </u> Surface shading shown not appropriate. Fig(s) <u>      </u><br/> <u>      </u> Solid black shading not used for color contrast.<br/> <u>      </u> Fig(s) <u>      </u></p> |
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COMMENTS

REVIEWER JL DATE 4-21-00 TELEPHONE NO. 703 305 8420

ATTACHMENT TO PAPER NO.       

PTO COPY

## NOTES

1. Changes to drawings should be made on a separate sheet of paper, not on the original drawing. The changes should be made on a separate sheet of paper, not on the original drawing. The changes should be made on a separate sheet of paper, not on the original drawing.



## INFORMATION ON HOW TO MAKE DRAWING CHANGES

### 1. Correction of Informalities--37 CFR 1.85

The new drawings with the changes incorporated therein shall be submitted to the Office of the Inventor's name (socket number if any) and the name and address of the person to whom the Office is able to match the drawings to the proper application. The changes should be made on a separate sheet of paper, not on the original drawing. Applicant may delay filing the corrected drawings until the end of the three-month period. Extensions of time may be obtained under 37 CFR 1.136. The corrected drawings should be filed as a separate paper with a transmittal letter addressed to the Drawing Review Branch.

### 2. Timing of Corrections

Applicant is required to submit **acceptable** corrected drawings within the three-month shortened statutory period set in the Notice of Allowability (PTOL-37). If a correction is determined to be unacceptable by the Office, applicant must arrange to have acceptable correction resubmitted within the original three-month period to avoid the necessity of obtaining an extension of time and paying the extension fee. Therefore, applicant should file corrected drawings as soon as possible.

Failure to take corrective action within set (or extended) period will result in **ABANDONMENT** of the Application.

### 3. Corrections other than Informalities Noted by the Drawing Review Branch on the Form PTO 948

All changes to the drawings, other than informalities noted by the Drawing Review Branch, **MUST** be approved by the examiner before the application will be allowed. No changes will be permitted to be made, other than correction of informalities, unless the examiner has approved the proposed changes.